

46371



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
: :
Chae-Whan Lim et al. : Group Art Unit: 2621
: :
Serial No.: 10/798,860 : Examiner: Not Assigned
: :
Filed: March 12, 2004 :
: :
For: METHOD AND APPARATUS FOR :
MANAGING SECTORS OF A BASE :
STATION IN A MOBILE :
COMMUNICATION SYSTEM :
:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97-1.98, Applicants hereby make of record the documents listed in the attached Form PTO/SB/08a, which may be deemed material to the examination of the above-identified application.

In accordance with 37 C.F.R. §1.98(a), copies of any U.S. patents and published applications cited herein have been omitted.

Also, since the present Information Disclosure Statement is being filed before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, and each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent

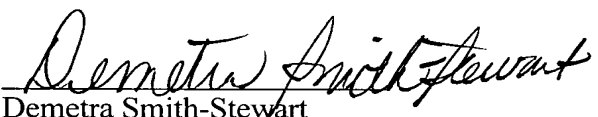
office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement, no fee under 37 C.F.R. § 1.17(p) is required.

These documents were cited in a European Search Report with respect to a European Application related to the Applicants' above-identified U.S. Patent Application. For the Examiner's convenience, a copy of the European Search Report is attached.

The Examiner is requested to consider the listed documents in connection with the above-identified application and to return a copy of Form PTO/SB08a to the Applicants with the Examiner's initials in the spaces provided.

Submission of this Information Disclosure Statement does not constitute an admission by the Applicants as to the materiality of the listed documents to the application, nor do the Applicants waive any right to challenge the validity of the documents as prior art should such action be deemed appropriate.

Respectfully submitted,


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Dated: August 2, 2007



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/798,860		
		Filing Date	March 12, 2004		
		First Named Inventor	Chae-Whan Lim et al.		
		Art Unit	2621		
		Examiner Name	Not Assigned		
Sheet		of		Attorney Docket Number	46371

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Automatic Caption Localization In Compressed Video; Yu Zhong et al.; pgs. 385-392	
		Extraction Of Unconstrained Caption Text From General-Purpose Video; David J. Crandall; may 2001; pgs. 1-121	
		Adaptive, Quadratic Preprocessing Of Document Images For Binarization; San Mo et al.; pgs. 992-999	
		A Noise-Smoothing Nonlinear Operator For The Preprocessing Of Text And Graphics Images; G Ramponi; pgs. 242-245	
		A Fast High Precision Algorithm For The Estimation Of Skew Angle Using Moments; George Kapogiannopoulos et al.; pgs. 1-5	
		Automatic Text Skew Estimation In Document Images; Su Chen et al.; pgs. 1153-1156	
		Detection Of Text Captions In Compressed Domain Video; Yi Zhang et al.; pgs. 201-204	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

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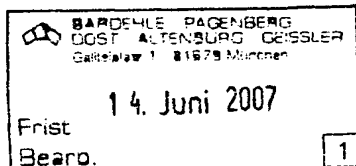
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Date
13.06.07

Reference S101617EP	Application No./Patent No. 04006091.5 - 1224
Applicant/Proprietor SAMSUNG ELECTRONICS CO., LTD.	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report (under R. 44 or R. 45 EPC) for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

- ☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division :

- ☒ Abstract ☒ Title
- ☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract : 1

Refund of search fee

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☒ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

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